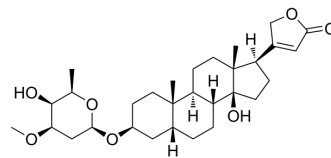


Odoroside A

Cat. No.:	HY-N7496
CAS No.:	12738-19-1
Molecular Formula:	C ₃₀ H ₄₆ O ₇
Molecular Weight:	518.68
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (192.80 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.9280 mL	9.6399 mL	19.2797 mL
5 mM	0.3856 mL	1.9280 mL	3.8559 mL
10 mM	0.1928 mL	0.9640 mL	1.9280 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Odoroside A is an active ingredient extracted from the leaves of Nerium oleander Linn. Odoroside A has anti-cancer activity. Odoroside A could induce apoptosis and cell cycle arrest through ROS/p53 signaling pathway, leading to the tumor cell death^[1].

REFERENCES

[1]. Chen YY, et al. Proteomic Analysis Reveals that Odoroside A Triggers G2/M Arrest and Apoptosis in Colorectal Carcinoma Through ROS-p53 Pathway. *Proteomics*. 2019;19(15):e1900092.

Caution: Product has not been fully validated for medical applications. For research use only.

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